Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\
Data File : VU033022.D
Acq On : 24 Jun 2019 21:46
Operator : JC/SP
Sample : K3463-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF07

Quant Time: Jun 25 07:36:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88532	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	59488	45.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.16%			
7) Chloroethane-d5	1.68	69	51155	49.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.30%			
11) 1,1-Dichloroethene-d2	2.27	63	96536	36.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.44%			
21) 2-Butanone-d5	4.17	46	122750	113.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.00%			
24) Chloroform-d	4.64	84	126575	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.78%			
26) 1,2-Dichloroethane-d4	5.30	65	90578	53.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.18%			
32) Benzene-d6	5.33	84	247471	50.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.42%			
36) 1,2-Dichloropropane-d6	6.32	67	80775	51.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.92%			
41) Toluene-d8	7.56	98	225885	49.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.86%			
43) trans-1,3-Dichloropropene-	7.85	79	38783	47.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.92%			
47) 2-Hexanone-d5	8.31	63	71237	98.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.15%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118147	49.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	90292	52.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.98	96	971	0.745	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	103462	72.824	ug/L	97
34) Trichloroethene	6.18	95	13671	9.489	ug/L	99
46) Tetrachloroethene	8.22	164	15003	12.708	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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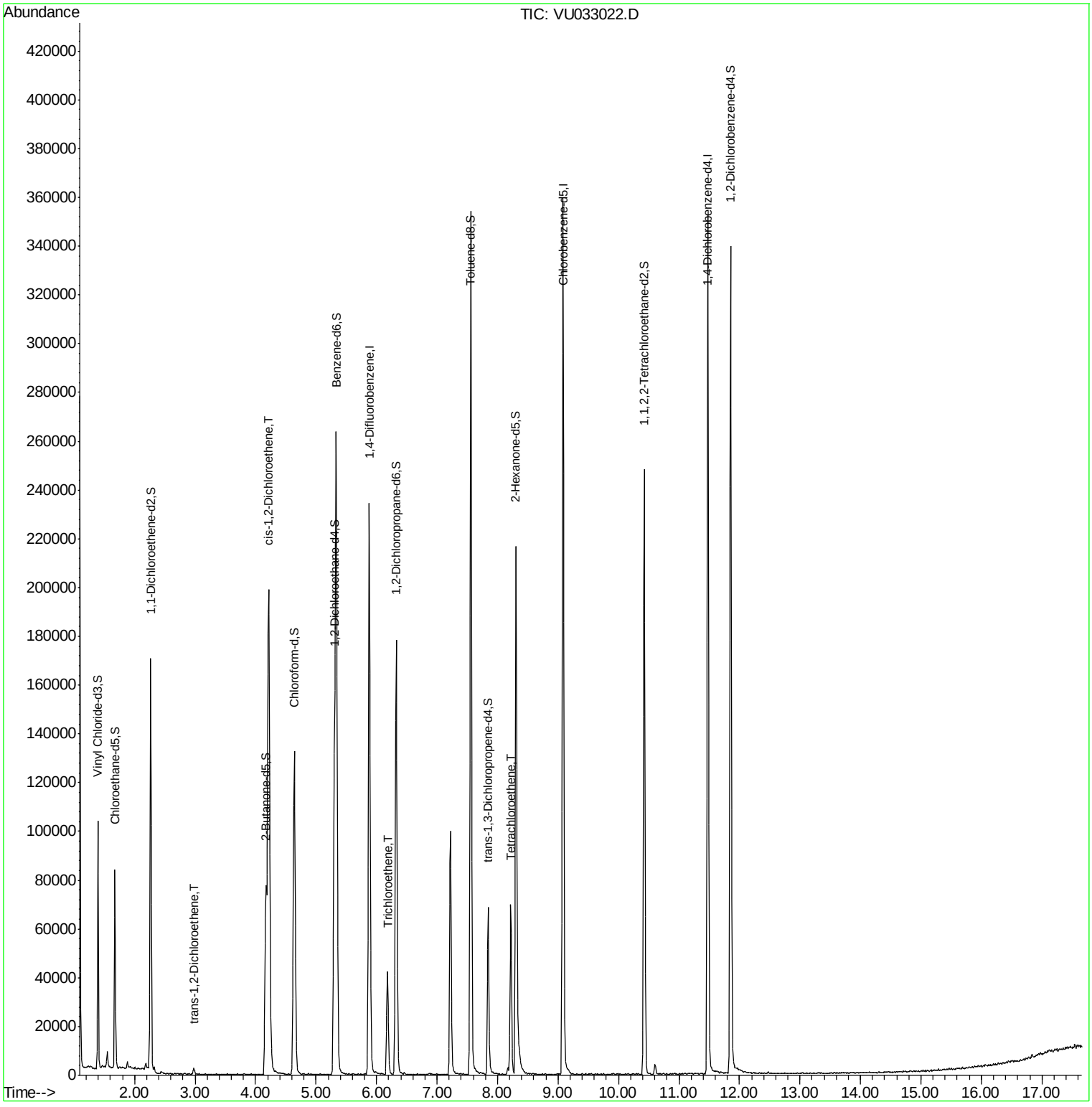
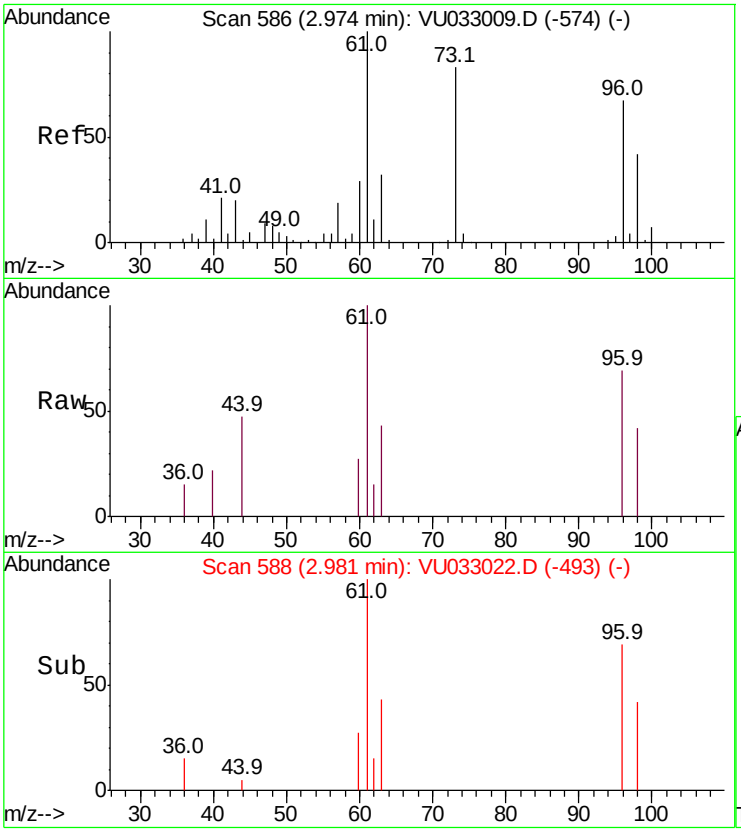


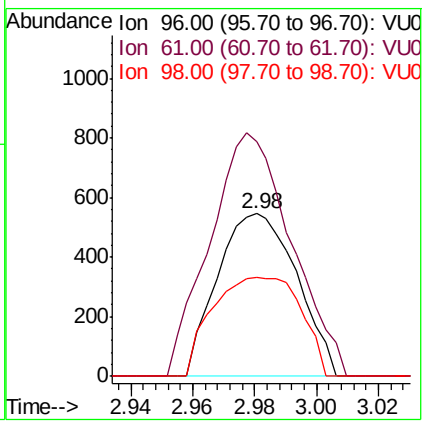


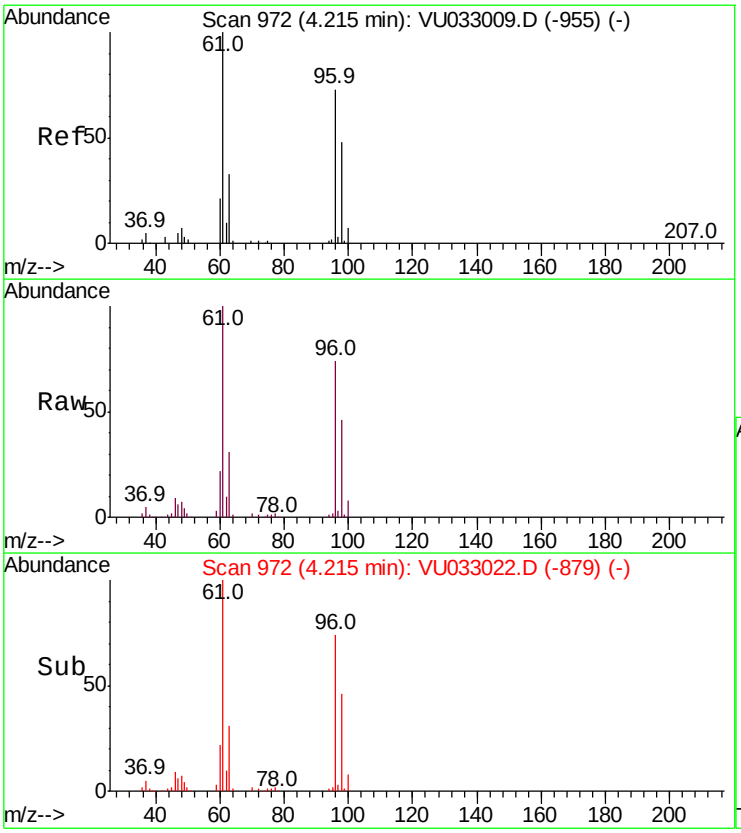
#17
trans-1,2-Dichloroethene
Concen: 0.745 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU033022.D
Acq: 24 Jun 2019 21:46

Instrument :
MSVOA_U
ClientSampleId :
ETF07

Tgt Ion: 96 Resp: 971

Ion	Ratio	Lower	Upper
96	100		
61	144.8	100.9	187.5
98	60.6	44.0	81.8

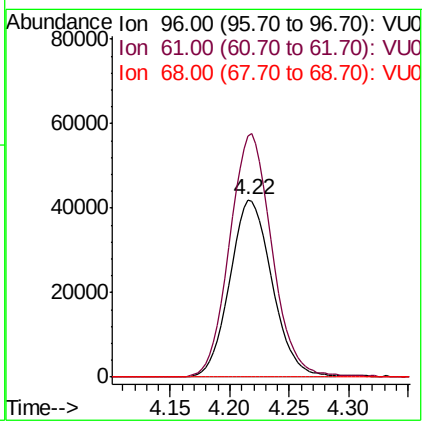


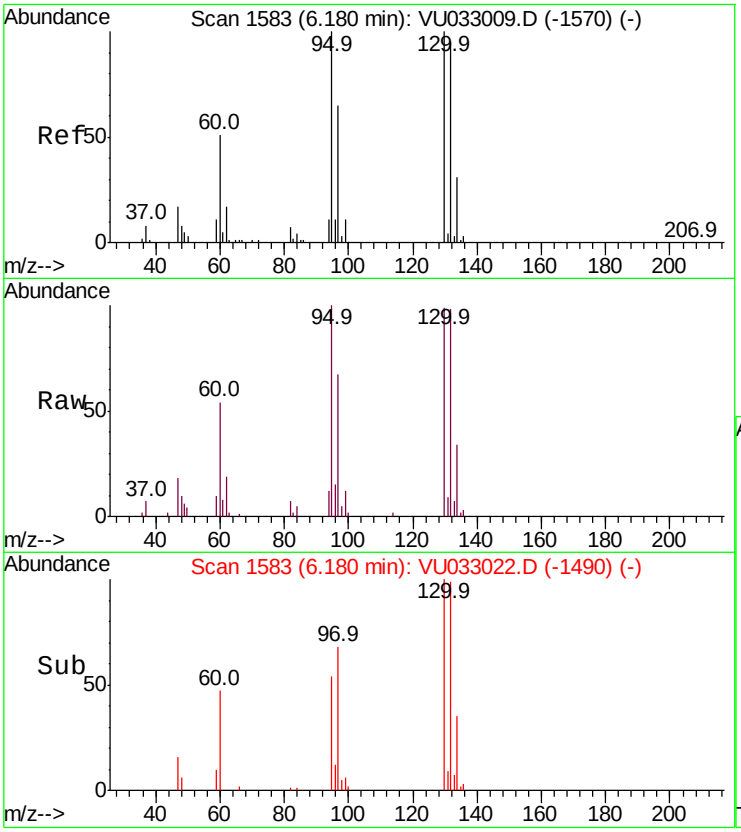


#20
cis-1,2-Dichloroethene
Concen: 72.824 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU033022.D
Acq: 24 Jun 2019 21:46

Tgt Ion: 96 Resp: 103462

Ion	Ratio	Lower	Upper
96	100		
61	136.0	92.4	171.6
68	0.0	0.0	0.0



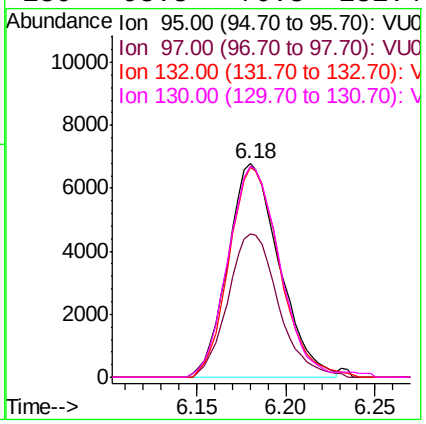


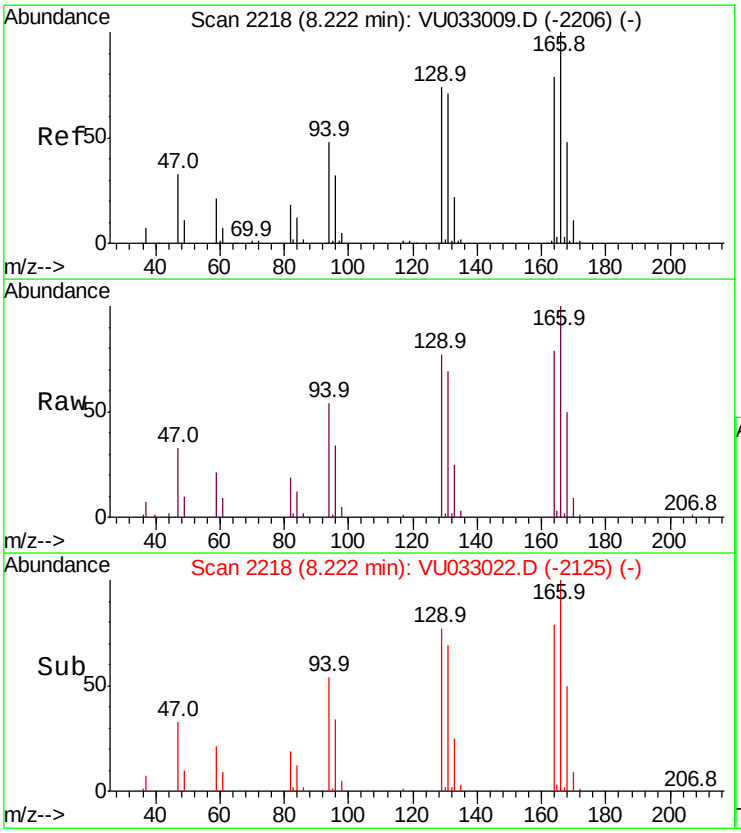
#34
Trichloroethene
Concen: 9.489 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU033022.D
Acq: 24 Jun 2019 21:46

Instrument :
MSVOA_U
ClientSampleId :
ETF07

Tgt Ion: 95 Resp: 13671

Ion	Ratio	Lower	Upper
95	100		
97	67.2	45.9	85.3
132	98.2	68.5	127.3
130	98.8	70.8	131.4





#46
Tetrachloroethene
Concen: 12.708 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU033022.D
Acq: 24 Jun 2019 21:46

Tgt Ion:164 Resp: 15003

Ion	Ratio	Lower	Upper
164	100		
129	96.9	64.8	120.3
131	87.3	64.5	119.7
166	126.3	91.3	169.6